

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Wolf-Bernd Frommer  
U.S. Serial No. : Filed Concurrently (Divisional of USSN. 08/964,939)  
Title of Invention : DNA SEQUENCES FOR AN AMINO ACID  
TRANSPORTER, PLASMIDS, BACTERIA, YEASTS  
AND PLANTS CONTAINING A TRANSPORTER AND  
THEIR USE

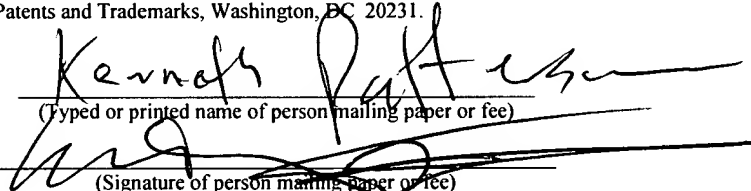
745 Fifth Avenue,  
New York, NY 10151

**EXPRESS MAIL**

Mailing Label Number: EL742699812US

Date of Deposit: May 14, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Honorable Commissioner of Patents and Trademarks, Washington, DC 20231.

  
(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The Examiner's attention is respectfully directed to the fact that this application is a divisional of USSN 08/964,939, filed November 5, 1997 which in turn is a divisional application of USSN 08/362,512 filed January 05, 1995 (now patent 5,719,043 granted February 17, 1998). The Examiner's attention is further directed to the documents listed on the enclosed PTO-1449. Since these documents were forwarded to the Examiner in the predecessor application and a copy of each of these documents should be in the predecessor application file,

accordingly, no additional copies are being forwarded with this Information Disclosure Statement.

**REMARKS**

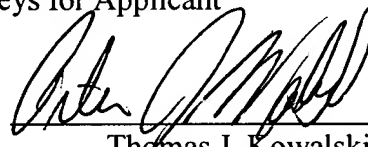
A PTO-1449 listing the foregoing documents is enclosed. A copy of the documents are available in predecessor applications USSN 08/964,939 and 08/362,512. The Examiner is respectfully requested to consider, and make of record, the documents cited herein.

Since this Information Disclosure Statement is being filed before the first Office Action, no fee is believed necessary or due for considering and making of record the documents cited herein. This Information Disclosure Statement is not a representation that any of the cited documents are considered pertinent, or that any of the cited documents are indeed prior art. Please charge any fee required for consideration and making of record the documents cited herein, or credit any overpayment therein, to Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP  
Attorneys for Applicant

By:



Thomas J. Kowalski  
Reg. No. 32,147  
Peter J. Waibel  
Reg. No. 43,228  
(212) 588-0800

Based on Form PTO-1449 (3/90)  <b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b>  514413-3550.1	<b>Serial NO:</b> Not Yet Assigned (Divisional Of Serial No. 08/964,939)
	<b>APPLICANT</b> Wolf-Bernd Frommer	
	<b>FILING DATE</b> (Filed Concurrently Herewith)	<b>GROUP</b> TBA

1c821 U.S. PTO  
 09/854774  
 05/14/01

U.S. PATENT DOCUMENTS							
EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,719,043	2/17/98	FROMMER	435	69.1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AB	DE4204103	08/19/93	Germany			
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AC		Li, Z.-C., et al., (1990) "Delta pH-Dependent Amino Acid Transport Into Plasma Membrane Vesicles Isolated From Sugar Beet Leaves", Plant Physiology, vol. 94, pp. 268-277.				
	AD		Li, Z.-C., et al., (1991) "Delta pH-Dependent Amino Acid Transport Into Plasma Membrane Vesicles Isolated From Sugar Beet (Beta vulgaris L.) Leaves", Plant Physiology, vol. 96, pp. 1338-1344.				
	AE		Tanaka, J., et al., (1985) "The Histidine Permease Gene HIP1 of Saccharomyces cerevisiae", Gene, vol. 38, pp. 205-214.				
	AF		EMBL Sequence Database, Acc. No. X67124 Rel. 35, 28 Feb. 1993, A. Thaliana PPP mRNA for Amino Acid Permease I.				
	AG		Frommer, W.B., et al., (1993) "Expression Cloning in Yeast of a cDNA Encoding Broad Specificity Amino Acid Permease from Arabidopsis thaliana", Proceedings of the National Academy of Sciences of USA, vol. 90, pp. 5944-5948.				
	AH		Kwart, M., et al., (1993) "Differential Expression of Two Related Amino Acid Transporters with Differing Substrate Specificity in Arabidopsis thaliana", The Plant Journal, vol. 4, No. 6, pp. 993-1002.				
	AI		Sentenac et al. (1992) "Cloning and expression in yeast of a plant potassium ion transport system" Science vol. 256, pp. 663-665.				
	AJ		Ohnishi et al (1988) Jpn. J. Genet. vol. 63, pages 343-357				
	AK		Oxender et al. (19980) Proc. Natl. Acad. Sci, USA vol. 77, pages 1412-1416				
	AL		Stam M, et al. "The silence of genes in transgenic plants." Ann. Bot. 79: 3-12				
	AM		Koziel MG, et al. "Optimizing expression of transgenes with an emphasis on post-transcriptional events." Plant Mol. Biol. 32: 393-405				
	AN		Smith CJS, et al. "Antisense RNA inhibition of polygalacturonase gene expression in transgenic tomatoes." Nature 334: 724-726				
	AN		Bush, DR, et al. "Molecular analysis of plant sugar and amino acid transporters." J. Exp. Bot. 47: 1205-1210				
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							